Volatile Sync SRAM Nomenclature



Company ID
CY — Cypress

Marketing Code
RS — RADSTOP™
PT — Prototype
WT — Wide temp

Product Family
1542 — 72 Mb, x18 burst of 2 QDR-II+ sync SRAM
1543 — 72 Mb, x18 burst of 4 QDR-II+ sync SRAM
1544 — 72 Mb, x36 burst of 2 QDR-II+ sync SRAM
1545 — 72 Mb, x36 burst of 4 QDR-II+ sync SRAM
1642 — 144 Mb, x18 burst of 2 QDR-II+ sync SRAM w/o ODT
1643 — 144 Mb, x18 burst of 4 QDR-II+ sync SRAM w/o ODT
1644 — 144 Mb, x36 burst of 2 QDR-II+ sync SRAM w/o ODT
1645 — 144 Mb, x36 burst of 4 QDR-II+ sync SRAM w/o ODT
2642 — 144 Mb, x18 burst of 2 QDR-II+ sync SRAM
2643 — 144 Mb, x18 burst of 4 QDR-II+ sync SRAM
2644 — 144 Mb, x36 burst of 2 QDR-II+ sync SRAM
2645 — 144 Mb, x36 burst of 4 QDR-II+ sync SRAM

Die Revision
A — Rev A

Core Voltage
V18 — 1.8V

Burn In
B — 100%

Temp Range
M — Military (-55°C to +125°C)
Q — Industrial

Package
GC — 165-ball CCGA
GL — 165-ball CLGA

Speed grade
250 — 250MHz

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